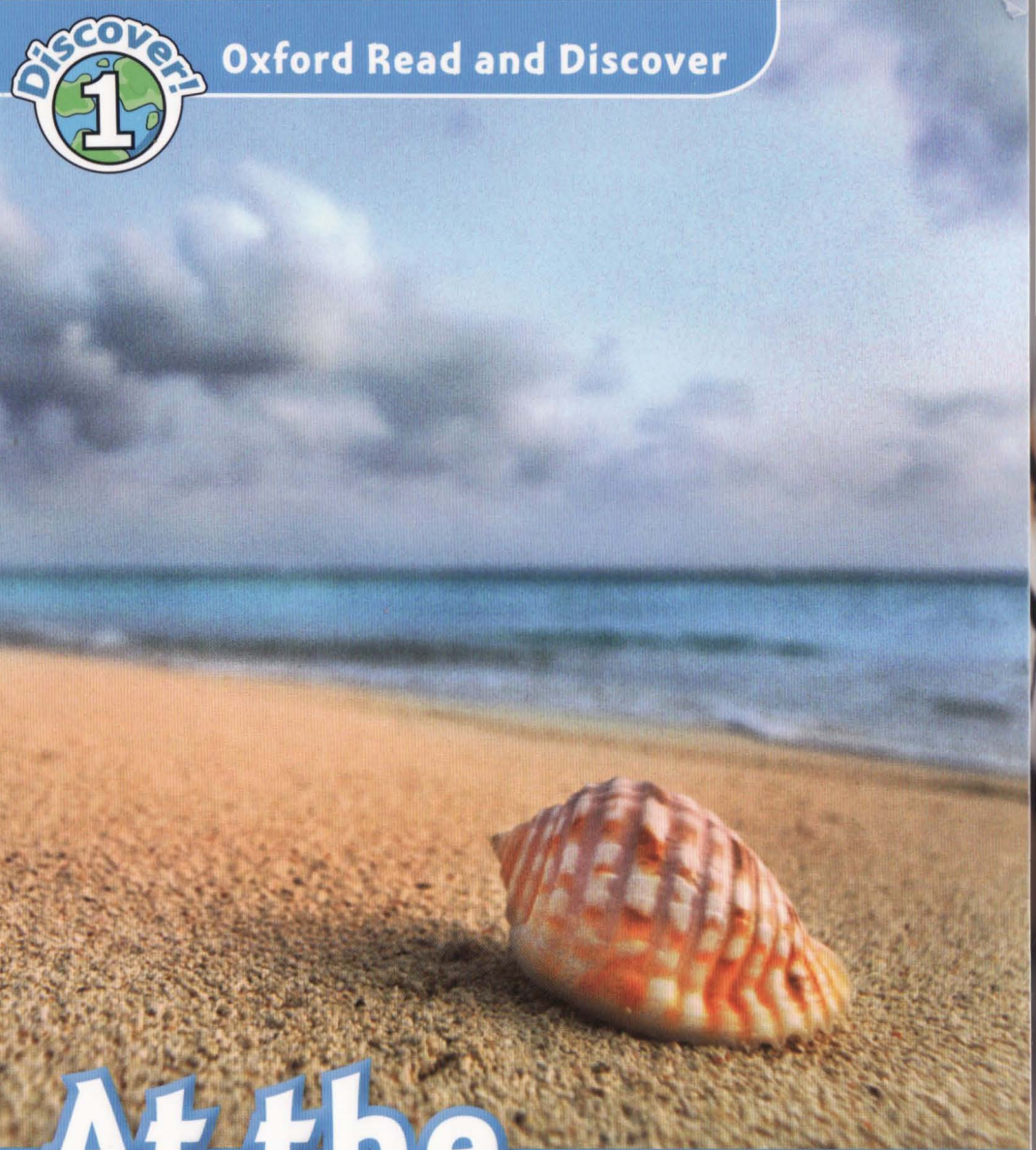




Oxford Read and Discover



At the Beach



At the Beach

Rachel Bladon

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Introduction

At the beach, the ocean meets the land. Many amazing plants and animals live there.



What can you see at the beach?
What animals live there?



Now read and discover
more about the beach!



The Beach

Every day the ocean goes up the beach at high tide, and it goes down the beach at low tide.

High Tide

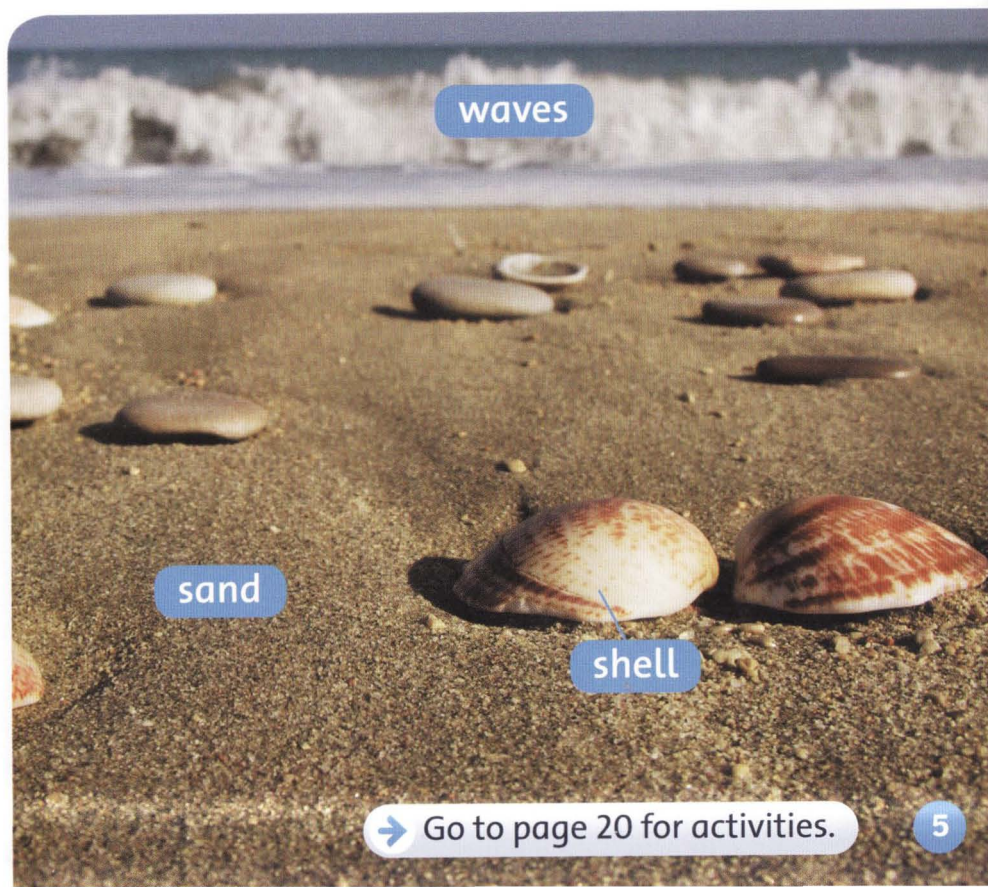


Low Tide



The ocean moves with the wind, too.
The wind makes waves. The ocean
is salt water. It's big and strong.

The ocean can break rocks and
shells into pieces. The pieces of rock
and shell hit the water and other
rocks. Then they get very little. This
is how the ocean makes rocks and
shells into sand.



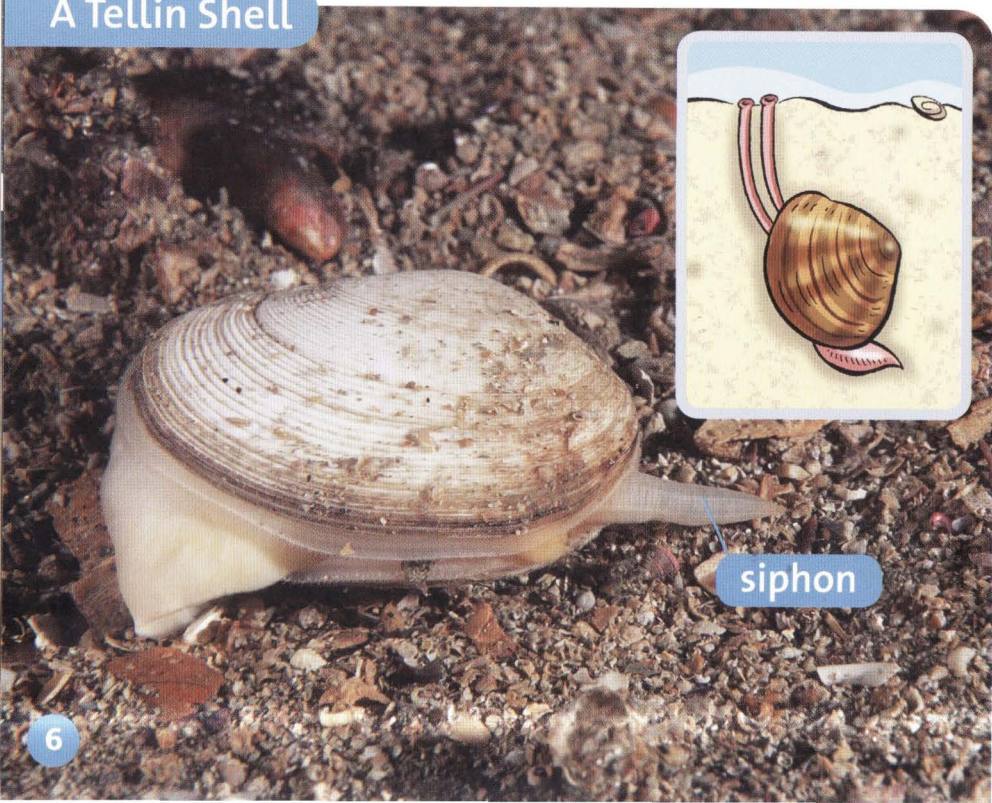
2

Sand and Rocks

What can you see in the sand and on the rocks at the beach?

At low tide the tellin shell hides under the sand. It hides there because other animals like to eat it. It gets food and water with one of its siphons.

A Tellin Shell





A Flat Periwinkle

The green flat periwinkle hides in green seaweed. Can you see it here?



Barnacles

The barnacle lives on rocks. Its shell grows onto the rocks, so it doesn't move when there are waves.



Some barnacles grow on whales!



barnacles

→ Go to page 21 for activities.

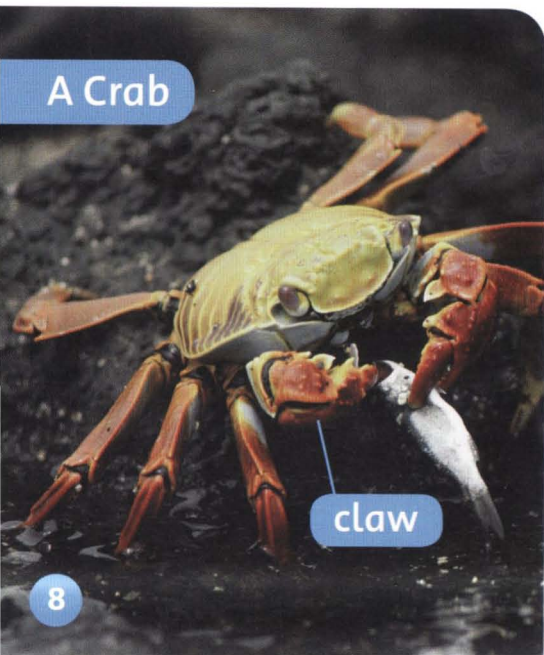


In Rockpools



A Rockpool

At low tide, the ocean moves down the beach. Then you can find rockpools.



A Crab

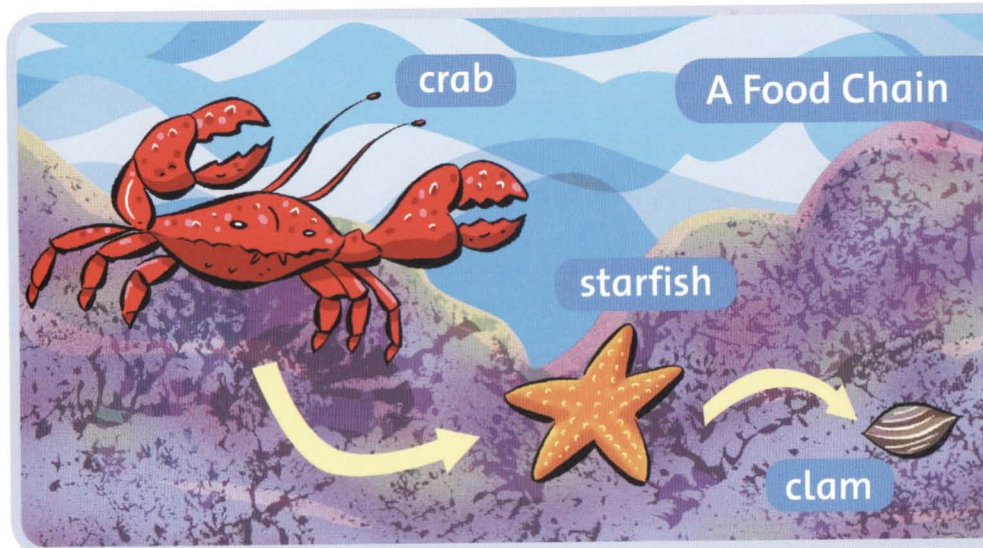
claw

Let's look in a rockpool. Here's a crab. It gets food with its big, strong claws. It eats barnacles, starfish, and other little animals. It eats plants, too.



The starfish can put its stomach out of its mouth! Then it can eat this big clam.

Crabs eat starfish, and starfish eat clams. This is called a food chain.





Near the Beach

Many fish and other little animals live in the water near the beach. There's lots of food for them there.

The prawn eats seaweed and little animals.



The prawn has 20 legs. It walks with 10 legs, and it swims with 10 legs!

The seahorse eats very little fish.
It eats very, very little animals
and plants called plankton, too.



A Seahorse

See how this seahorse hides in the seaweed. In this green seaweed, the seahorse is green, but in yellow seaweed, it's yellow!



In the Ocean



A Seal

You can see some amazing animals in the ocean.

Here's a seal. The seal lives in the ocean and on land. When it swims in the ocean, it puts its head out of the water to get air.

blowhole

A Dolphin



The dolphin jumps out of the water, and little fish are scared. They swim away, and then the dolphin can catch them! The dolphin gets air with a blowhole on its head.

On sunny days, the basking shark swims at the top of the ocean. It can eat lots of plankton there. Plankton is its favorite food.

A Basking Shark



6

In the Air



Puffins

Many birds live near the beach.
There's lots of food for them there.

The puffin lives on cliffs. When it's
hungry, it flies down and swims
under the ocean. Then it catches
its favorite fish!

The pelican can catch lots of fish in its big bill. It opens its bill and the water goes out. Then it can eat the fish.



A pelican can get 11 liters of water in its bill!



Oystercatchers don't eat oysters! They eat mussels. They open the shells with their bill.



7

At the Coast

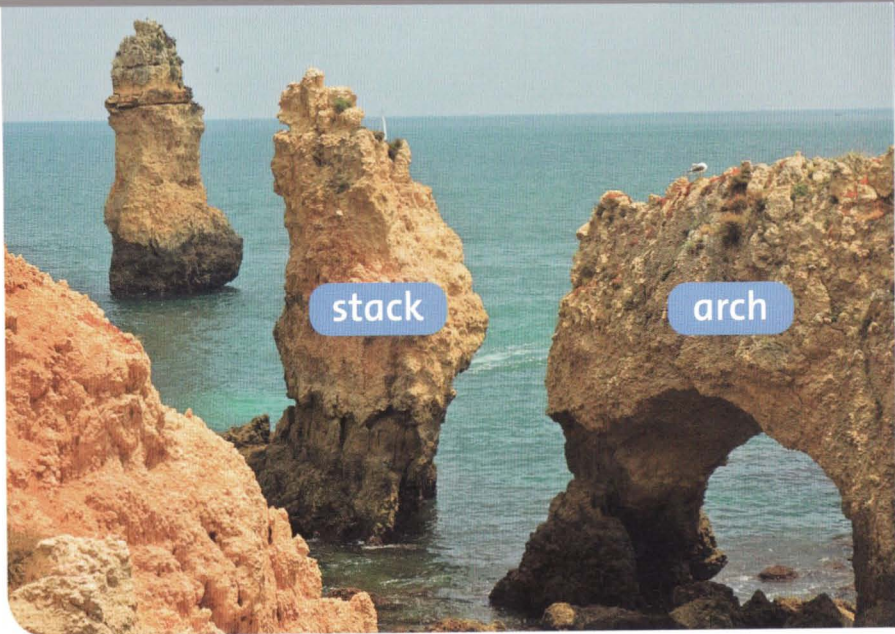
At the coast near the beach, there are cliffs. Some waves hit hills on the coast, and pieces of land break into the ocean. This makes cliffs.

Sometimes there are holes in the cliffs. The ocean hits the holes and makes caves.

Cliffs



cave



The ocean can make arches and stacks, too.

At the coast, the sand moves in the wind. Then the sand makes hills called sand dunes.



Sand dunes can move 100 meters in a year.

8

Fun at the Beach



A Kitesurfer



You can do many things at the beach! You can kitesurf, and the wind moves you on the ocean. You can snorkel, too. Then you can see amazing fish in the water.

A Snorkeller





The ocean is big and strong.
Don't go away from the people
you know. Look for flags – they tell
you where and when you can swim.

Have fun at the beach, but
remember the ocean plants and
animals. Keep the beach clean for
plants, animals, and other people.

1 The Beach

← Read pages 4–5.

1 Match.

- 1 The ocean
- 2 At low tide
- 3 Sand
- 4 At high tide

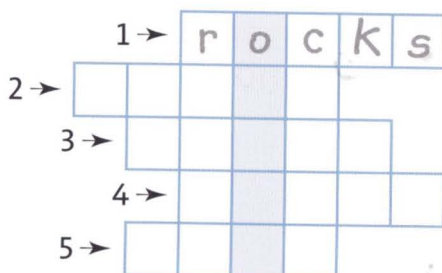
is little pieces of
rock and shell.

is salt water.

the ocean goes
up the beach.

the ocean goes
down the beach.

2 Complete the puzzle. Then find the secret word.



The secret word is:

--	--	--	--	--



1



2



3



4



5

2

Sand and Rocks

← Read pages 6–7.

1 Match. Then write the numbers.

1 The tellin shell

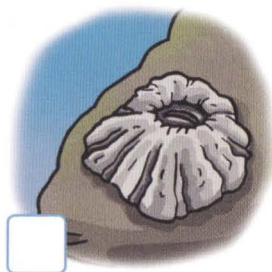
2 The flat periwinkle

3 The barnacle

lives on rocks.

hides under the sand.

hides in seaweed.



2 Order the words.

1 with / gets / food / The / a siphon. / tellin shell

The tellin shell gets food with a siphon.

2 barnacle's / rocks. / onto / grows / The / shell

3 grow / Some / whales. / on / barnacles

3

In Rockpools

← Read pages 8–9.

1 Write the words.

crab starfish
rockpool clam

1 rockpool

2 _____

3 _____

4 _____



2 Complete the sentences.

clams ~~rockpools~~ barnacles
stomach claws

1 You can find rockpools at low tide.

2 The crab gets food with its _____.

3 The crab eats _____, other little animals, and plants.

4 The starfish can put its _____ out of its mouth.

5 Crabs eat starfish, and starfish eat _____.

4

Near the Beach

← Read pages 10–11.

1 Draw and write.

1



This is a prawn. The prawn
walks with 10 legs, and it
swims with 10 legs!

2



This is a seahorse.

2 Circle the correct words.

- 1 Near the beach, there's lots of food / legs
for little animals.
- 2 Plankton are very, very big / little animals
and plants.
- 3 The prawn has ten / twenty legs.
- 4 The prawn walks and flies / swims with
its legs.
- 5 In green seaweed, the seahorse is
green / yellow.

5

In the Ocean

← Read pages 12–13.

1 Write the words.

basking shark seal dolphin



1 _____



2 _____



3 _____

2 Circle the correct words.

- 1 The seal puts its head out of the water to get food / air.
- 2 The dolphin gets air with a blowhole on its head / nose.
- 3 The dolphin can catch little fish / birds.
- 4 The basking shark's favorite food is crab / plankton.

6 In the Air

← Read pages 14–15.

1 Write the words. Then write the numbers.

puffin pelican oystercatcher

1 It has a big bill.

2 It lives on cliffs.

3 It eats mussels.



2 Write *true* or *false*.

1 There's no food for birds at the beach. false

2 The puffin can swim, but it can't fly. _____

3 The pelican catches fish in its big bill. _____

4 The pelican can get 13 liters of water in its bill. _____

5 Oystercatchers eat oysters. _____

6 Oystercatchers eat mussels. _____

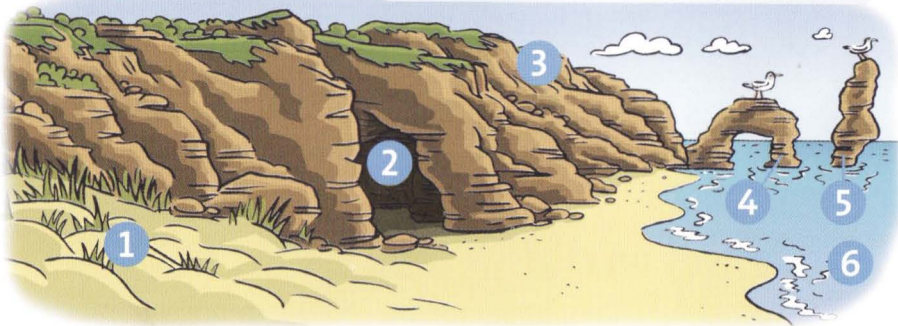
7

At the Coast

← Read pages 16–17.

1 Write the words.

cliffs ocean stack
sand dunes arch cave



- | | | |
|---------|---------|---------|
| 1 _____ | 3 _____ | 5 _____ |
| 2 _____ | 4 _____ | 6 _____ |

2 Complete the sentences.

sand dunes coast caves cliffs

- You can see cliffs, caves, stacks, and arches at the _____.
- Pieces of land break into the ocean, and this makes _____.
- Hills of sand are called _____.
- Holes in cliffs are called _____.

8

Fun at the Beach

← Read pages 18–19.

1 Find and write the words.

a	s	u	n	e	o	w
p	e	o	p	l	e	t
s	p	l	a	n	t	s
h	d	o	l	p	h	s
e	d	f	l	a	g	o
a	n	i	m	a	l	s



1 people 2 f



3 a 4 p

2 Answer the questions.

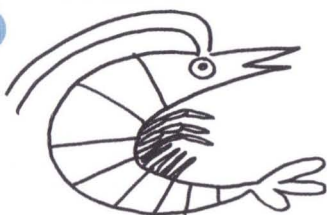
At the beach, do you ...	Yes, I do.	No, I don't.
snorkel?		
kitesurf?		
swim?		
play in the sand?		
look in rockpools?		



At the Beach

- 1 Draw and write about what you can see at the beach.

1



This is a prawn.

What I know about it:

It eats seaweed
and little animals.

2

This is _____

What I know about it:

3

This is _____

What I know about it:

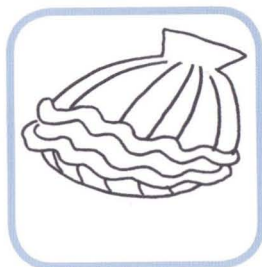
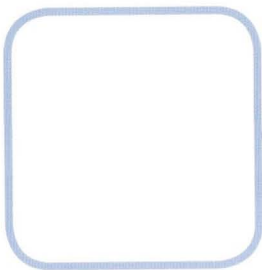
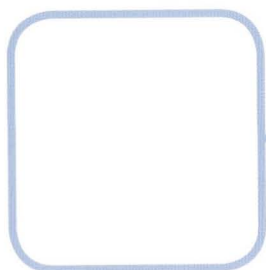
4

This is _____

What I know about it:

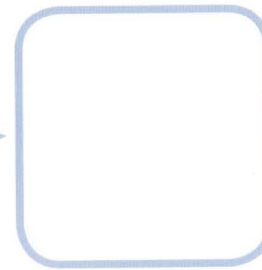
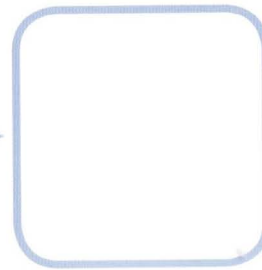
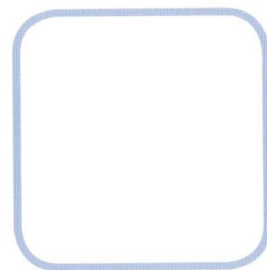
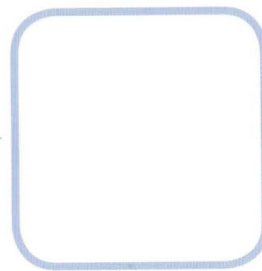
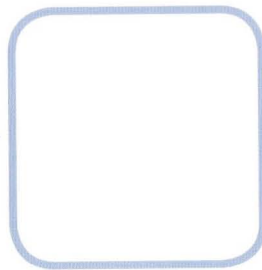
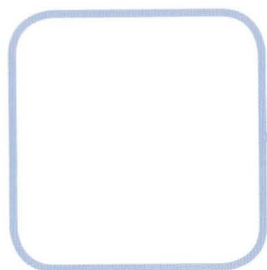
2 Complete the food chain.

clam starfish crab



clam

3 Make more food chains.



Picture Dictionary



air



animals



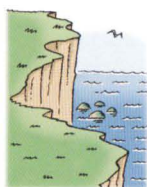
beach



break



clean



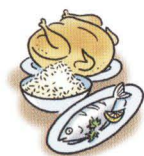
cliffs



coast



down



food



grow



hide



hill



hole



land



near



ocean



oyster



people



pieces



plankton



plants



rocks



salt



sand



sand dunes



seaweed



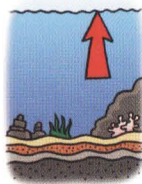
shell



stomach



strong



top



up



waves



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2 450 headwords	<ul style="list-style-type: none">• Electricity• Plastic• Sunny and Rainy• Your Body	<ul style="list-style-type: none">• Earth• Farms• In the Mountains• Wild Cats	<ul style="list-style-type: none">• Cities• Jobs
3 600 headwords	<ul style="list-style-type: none">• How We Make Products• Sound and Music• Super Structures• Your Five Senses	<ul style="list-style-type: none">• Amazing Minibeasts• Animals in the Air• Life in Rainforests• Wonderful Water	<ul style="list-style-type: none">• Festivals Around the World• Free Time Around the World
4 750 headwords	<ul style="list-style-type: none">• All About Plants• How to Stay Healthy• Machines Then and Now• Why We Recycle	<ul style="list-style-type: none">• All About Desert Life• All About Ocean Life• Animals at Night• Incredible Earth	<ul style="list-style-type: none">• Animals in Art• Wonders of the Past
5 900 headwords	<ul style="list-style-type: none">• Materials to Products• Medicine Then and Now• Transportation Then and Now• Wild Weather	<ul style="list-style-type: none">• All About Islands• Animal Life Cycles• Exploring Our World• Great Migrations	<ul style="list-style-type: none">• Homes Around the World• Our World in Art
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